



Leslie RENE

SOFTWARE ENGINEER

Details

+1 (669) 319 0866

leslie-reneracon@hotmail.fr

NATIONALITY

French

Links

LinkedIn

reneleslie.com

Skills

PHP

Linux, Windows

SQL, MySQL

Python, C#, Java, C++

HTML, CSS, Javascript, Vue.js,

Nuxt.js, Electron.js

Git, Bitbucket, Jira

Py unittest, PyQt5/6, PyQtGraph,
WPF...

Hobbies

I am an artist at heart, and grew up surrounded by art in many shapes and form.

On my spare time I enjoy doing music (singing and instrument), visual digital art and from time to time few different art related activities (painting, photography...etc)

Languages

French

English

Profile

Innovative and motivated Software Engineer, Computer Science Master's degree, Embedded Systems major.

Throughout my 10+ years of experience, I have worked on the the complete Product Life-cycle (*requirements, specifications, development, testing, support*), all while being exposed to a wide range of technical environments, technologies and concepts, included but not limited to : C++, C#, Java, Python, Scripting languages (*Bash, shell, TCL*), Webdev languages (*HTML, CSS, PHP, Vue.js, Nuxt.js, MySQL custom SQL...etc*), OOP, state machines, test infrastructure implementation, UI implementation (*PyQT, WPF*) and so on.

The general shape of my academic background and my creativity, ensure I can easily pick up any topic within my primary specialization and adapt to any new environment.

Legally authorized to work in the US, no visa sponsorship required now or in future

Employment History

Software Engineer, Vertiv, Remote

SEPTEMBER 2023 – DECEMBER 2023

Software development activities on certified software UI and engine (*ALTEN Technology Consultant*)

Job Description:

- Updated current code base to support new products features
- Identified and fixed existing UI/code weaknesses and errors
- Partially migrated code from vb.net to C#
- Reworked, Restructured and Optimized existing code

Tools and Technologies Used:

- vb.net, C#
- Windows environments and cmd
- Bitbucket, Smartsheet, Excel

Software Engineer (in Firmware team), Velodyne Lidar, San Jose, CA

DECEMBER 2020 – MARCH 2023

Support software activities for Firmware Engineering and Production teams (*ALTEN Technology Consultant*)

Job Description:

- Implemented GUIs, WebUIs, and SDK-related features for both internal and external end users (complete product life-cycle)
- Implemented a tests infrastructure, along with Functional Safety unit-tests
- Created scripts to perform Firmware products deployment
- Contributed to knowledge sharing and brainstorming activities (code reviews, documentation, demo, trainings)

Tools and Technologies Used:

- Python, PyQt5, PyGraph, HTML5, CSS3, Vue.js, Electron.js
- Protocols exposure (UDP, TCP), Wireshark, MobaXterm, WSL, NoMachine
- Linux, Windows environments and cmd
- Jira, Bamboo, Confluence, Bitbucket, Xilinx suite (Vivado, Vitis, xsct, etc.)
- Test automation with Lab instruments (temperature chamber)

Test Automation Software Developer Engineer, Volvo Trucks North America, Greensboro, NC

MAY 2019 – MARCH 2020

Support the team's daily activities required for the development of Test Automation Software, to be used by Volvo tests/validation processes (*ALTEN Technology Consultant*)

Job Description:

- Implemented a C# component interface between a Python Computer Vision component, and the rest of the C# automation software
- Code/Components/Processes improvement: refactor, performances improvement, code cleaning, traces infrastructure, testing, and testing infrastructure
- Participated in team's daily SaFe Agile activities (Jira, PI planning, daily stand-ups) as well as code reviews, brainstorming

Tools and Technologies Used:

- Languages: C#, Python
- OS: Windows
- Software versioning management (Git, Bitbucket), Jira, Lean SaFe Agil, CD/CI
- IDE: Visual Studio (with Resharper), Pycharm, Windows command line feature,
- XUnit, CANoe test (scripting + replay), Event-driven State-machines Programming
- Communication protocols: TCP communication

R&D Software Programming Engineer, Dassault Systems, Velizy-Villacoublay, IDF, FRANCE

SEPTEMBER 2014 – APRIL 2019

In ENOVIA Coexistence V5-V6, Data Migration related features development .

Job Description:

- Implemented features to support data migration between Enovia software releases ,
- Intervened on complete Product Life-cycle of said features(requirements, to testing)
- Implemented a data migration UI and back-end for V5 native data migration
- Implemented a few data migrated tools for data migration automation and/or viewing
- Provided client supports (incident analysis, traces retrieval, fix, testing...)
- Took over code and test procedures improvement tasks (performances, trace, etc.)
- Participated in the team's daily activities (release management, incidents analyses..etc.)
- Contributed to code back porting from C++ to Java (Cloud migration)

Tools and Technologies Used:

- Languages: C++, Java, Scripting (TCL, Python, Shell, Bash), MQL (in-house equivalent to SQL)
- OS: Windows (env + cmd), Linux (env + cmd)
- Off-the-shelf Software Versioning Management tool, CD/CI
- Visual Studio, Eclipse, Putty, JUnit

Education

Master's, Ecole Centrale d'Electronique - ECE, Paris, FRANCE

SEPTEMBER 2010 – JULY 2013

Graduated with honors, Major: Embedded Systems, Minor: Robotics/ Int'l Relations

- **Embedded Systems Eng Internship** Beijing University, China Feb–July 2013
- **Management Seminary** UC Irvine, California, USA August 2012
- **Student Exchange Program** INTI University, Malaysia Jan–May 2011

Bachelor of Sciences (Physics), Lycee Marguerite de Navarres, Bourges, FRANCE

SEPTEMBER 2003 – JULY 2007

Graduated with honors, Major Physics

References

Rob Reist from Ouster (previously Velodyne Lidar)

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Aaron Chen from Apple

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